(19) World Intellectual Property Organization

International Bureau



. 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911) 1 (1911)

(43) International Publication Date 3 February 2005 (03.02.2005)

PCT

(10) International Publication Number WO 2005/010154 A2

(51) International Patent Classification7:

C12N

(21) International Application Number:

PCT/US2004/021996

(22) International Filing Date:

9 July 2004 (09.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/487,317

15 July 2003 (15.07.2003) US

(71) Applicant (for all designated States except US): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GE, Min [CN/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). GOBLE, Stephen, D. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). PASTERNAK, Alexander [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). YANG, Lihu [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). (74) Common Representative: MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 7 AND 8 MEMBERED HETEROCYCLIC CYCLOPENTYL BENZYLAMIDE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY

(57) Abstract: The present invention is directed to compounds of the formula: wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰ and R¹⁶ are as defined herein which are useful as modulators of chemokine receptor activity. In particular, these compounds are useful as modulators of the chemokine receptor CCR-2.

) 2005/010154 A2 ||